



YES (Yield Engineering Systems, Inc.) is a leading manufacturer of reliable, high-tech, cost-effective capital equipment that transforms materials and surfaces at the nanoscale. From startups to the Fortune 50, our customers rely on YES to help them unleash products that change lives – from cellphones and IoT devices, to AI and virtual reality, to diagnostic tests for COVID.

As a preferred provider of wet and dry process technology, we look forward to talking with smart, energetic, team-oriented people who can grow with us. We provide competitive salary and benefits, including employee stock ownership, and some of the best co-workers you'll find anywhere. If this appeals to you, please read on!

**Job Title: Controls Software Engineer (PLC, HMI, and Cobot applications)**

**Location: Valencia, CA**

#### **Responsibilities**

- Programming, testing, start-up, troubleshooting, and field service support for wet process equipment

#### **Required Skills**

- PLC programming and testing, with emphasis on Siemens PLCs (Step 7 and Portal TIA)
  - Function, object, and data block in ladder logic and SCL design
  - Technology motion control, Profinet, and analog interface
  - Profibus networking
  - Hardware configurations DI, DQ, AI, and AQ
  - Installation procedures
  - Electrical motor commissioning
  - Documentation
- HMI programming and testing, with emphasis on Wonderware InTouch
  - Screen design
  - Tagname configuration
  - DA server interface
  - Scripting
  - Import/export .csv Files
  - Historical data management
  - Recipe manager
- Cobot programming and testing, with emphasis on Universal robots & Kuka robots
  - Motion profiles
  - Interface configurations Digital and Profinet
- Experience with Allan-Bradley or Idec components
- Ability to read and interpret instruction manuals, electrical schematics, and P&IDs
- Computer knowledge and proficiency with Windows and MS Office

**Qualifications**

- Four-year degree in computer science, computer engineering, electrical engineering, mathematics, or similar field
- At least two years' experience in software development (NCGs who meet this requirement are encouraged to apply)
- Good written and verbal communication skills in English
- Strong team player and willing to learn new technologies
- Some travel domestic and internationally required

**Compensation**

- YES offers a stimulating and fun working environment, competitive salaries and benefits, and company stock.

**Additional Information**

- Applicants must be currently authorized to work in the United States on a full-time basis.
- YES is an equal opportunity employer and values diversity. All employment is decided on the basis of qualifications, merit, and business need.

**Come find out why YES is such a great place to work. Apply today!**